

CARAS PARK OUTFALL-STORMWATER TREATMENT RETROFIT

EXHIBIT 12
DATE Jan. 16, 2015
HB 5

Downtown Missoula is a hub of activity. Many business's, large and small locate in this area for both the economic opportunity and the proximity to the Clark Fork River. The Clark Fork River runs through downtown and brings beauty and business to the community. The downtown Missoula stormwater system discharges to a popular recreation site called Brennan's Wave and adjacent to Caras Park. Untreated stormwater and pollutants are washed down curbs and alleys within this 62-acre drainage area and are concentrated and discharged through pipes to this location. Contaminants include, grease, bacteria, sediment, metals and garbage. This project seeks to install treatment to reduce pollutants entering the river. Clean runoff will benefit human health and safety and enhance renewable resource benefits associated with the Clark Fork River.

The Clark Fork River is a listed impaired waterbody for copper, iron, lead, nitrogen, sewage indicators, and phosphorous. This project seeks to retrofit the aging collection system with technology that will better protect the river from these and other common stormwater contaminants with a cost effective solution. The proposed technology includes a treatment system using a Hydrodynamic Separator. This solution will be below ground preserving the public event quality of Caras Park. Caras Park is home to many events including farmer's markets and river recreation events. Many public complaints have been received regarding pollutants entering the river and exposure to the public river users.

The proposed project provides numerous renewable resource and public health and safety benefits. Surface water quality of stormwater is preserved, aquatic and wildlife habitat in the Clark Fork River is preserved, management of the surface water resource is achieved and public health and safety is enhanced by reducing exposure to high level contaminants in a high-use area.

